

**Series 6 Premium Compression Connector,  
Torque Retaining, 21mm  
CX-CN-FPX6L**



# SPECIFICATIONS

## FEATURES AND BENEFITS

- Wide bandwidth performance up to 3 GHz for CATV and broadband applications
- Low insertion loss and excellent return loss for high signal integrity
- High shielding effectiveness to minimize ingress and interference
- Rated for 90 V AC continuous operation
- Compatible with RG6 cables, from 60% shield to quad-shield
- High cable retention strength for secure installations
- Wide operating temperature range for indoor and outdoor use
- Compatible with standard 21 mm compression tools

## GENERAL SPECIFICATION

- **Impedance:** 75 Ohms (Nominal)
- **Bandwidth:** 5 – 3000 MHz
- **Operating Voltage:** 90 V (60 Hz continuous AC)
- **Operating Temperature:** –40 to +140 °F (–40 to +60 °C)
- **Cable Type:** Series 6 cable (standard through quad-shield)
- **Mating Mechanism:** 7/16 Hex, 3/8-32 UNEF-2B threading
- **Construction Material:** Nickel-plated brass

Parameter	Specification
Return Loss	> –30 dB to 1 GHz
Shielding Effectiveness	> –100 dB (5–1002 MHz)
Insertion Loss	≤ 0.2 dB @ 3 GHz
Operating Voltage	90 V AC, 60 Hz (continuous)
Operating Temperature	–40 to +140 °F (–40 to +60 °C)
Cable Retention	> 60 lbs (27.21 kg), ambient temperature
Cable Insertion Force	< 15 lbs, ambient temperature
Compatible Tools	CX-AC-AOC, CX-AC-UCTX-11 and other standard 21 mm compression tools

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